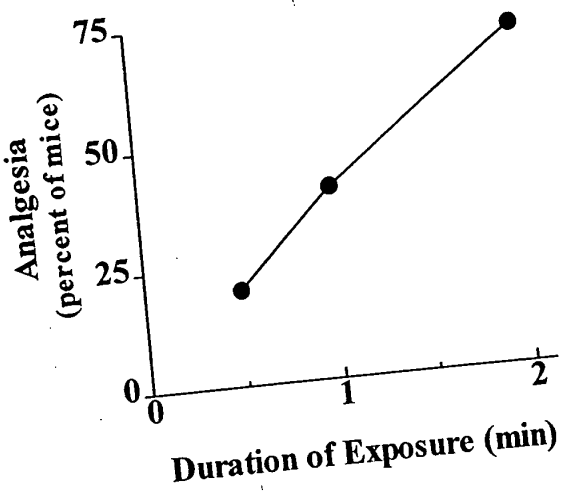
Figure 1

a.


75
50
25
0
Analgesia
(percent of mice)
0
1
2
Duration of Exposure (min)

b.

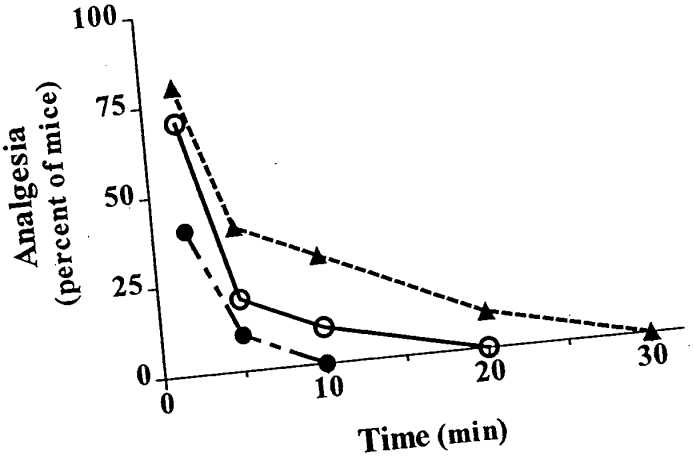

100
75
50
25
0
Analgesia
(percent of mice)
0
10
20
30
Time (min)

Figure 2

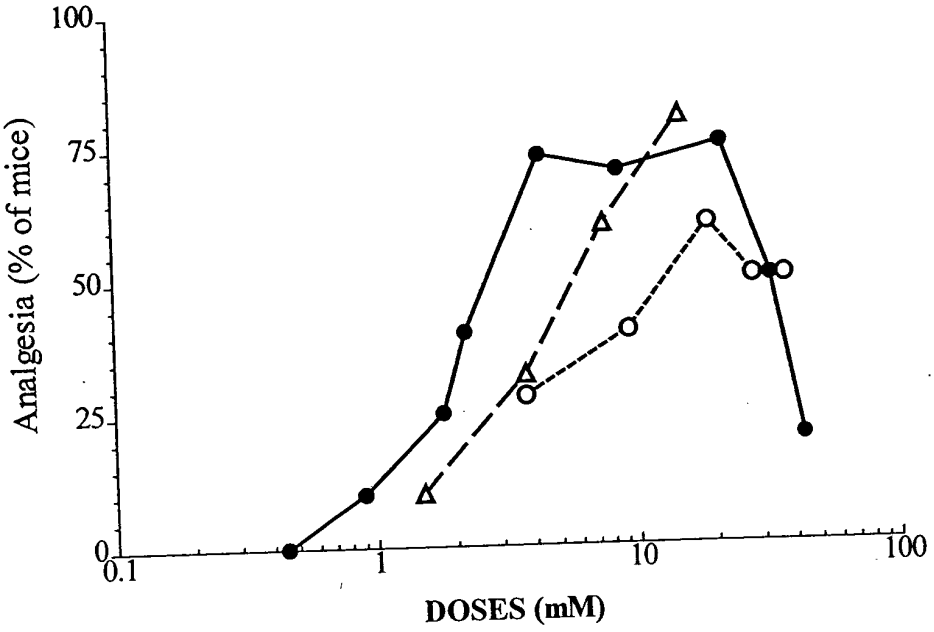
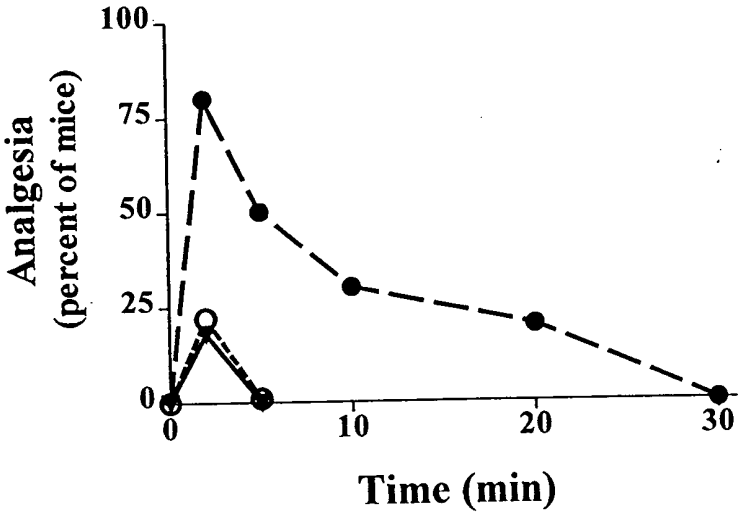


Figure 3

a.


100
75
50
25
0
Analgesia
(percent of mice)
0
10
20
30
Time (min)

b.

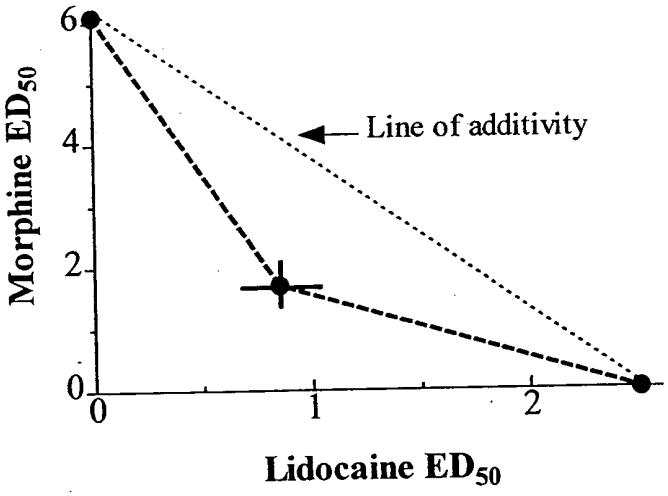

6
4
2
0
Morphine ED50
Line of additivity
0
1
2
Lidocaine ED50

Figure 4

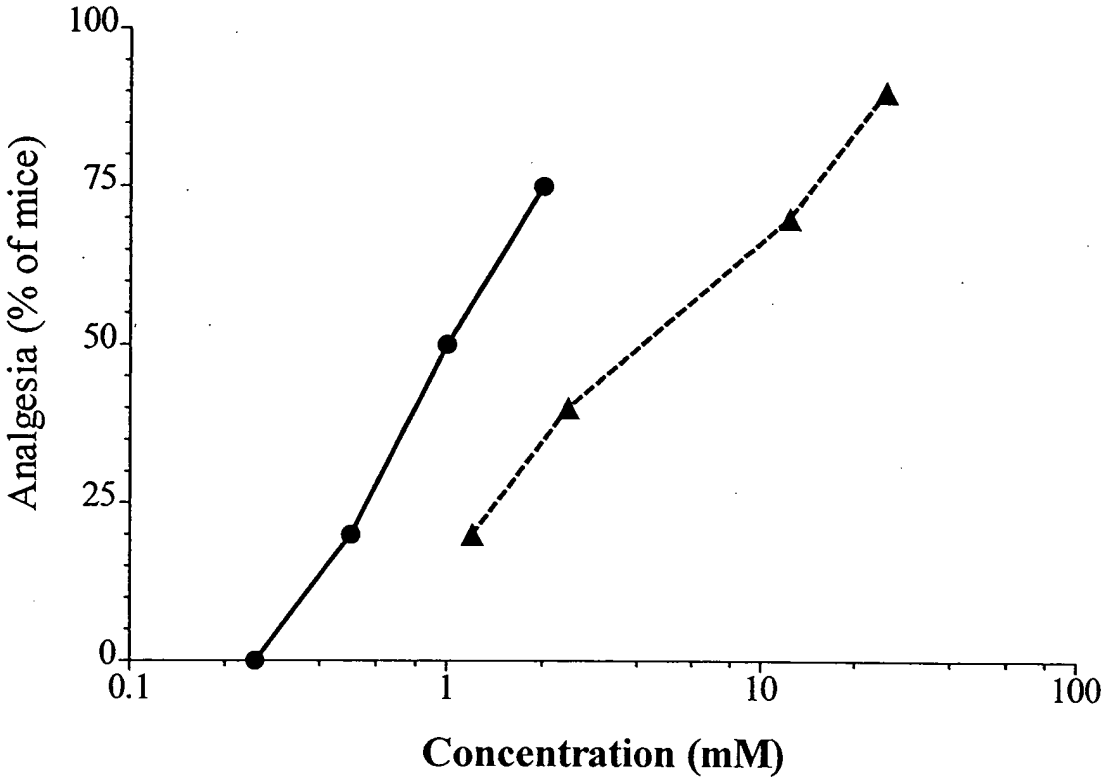
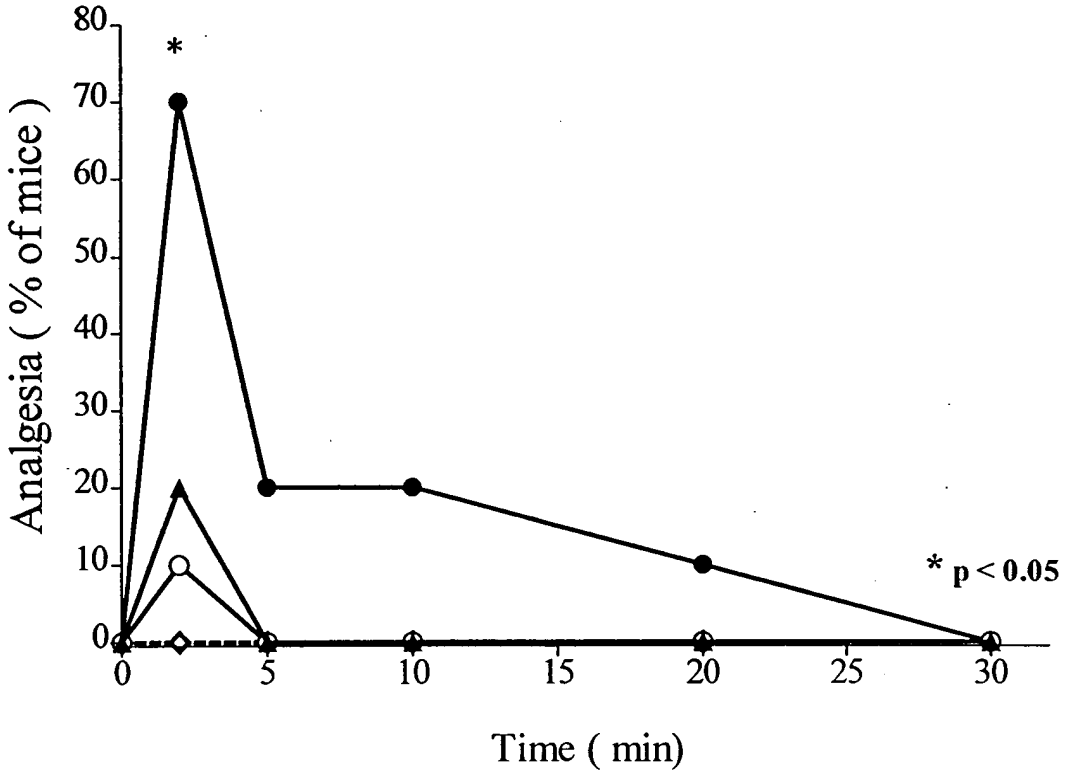
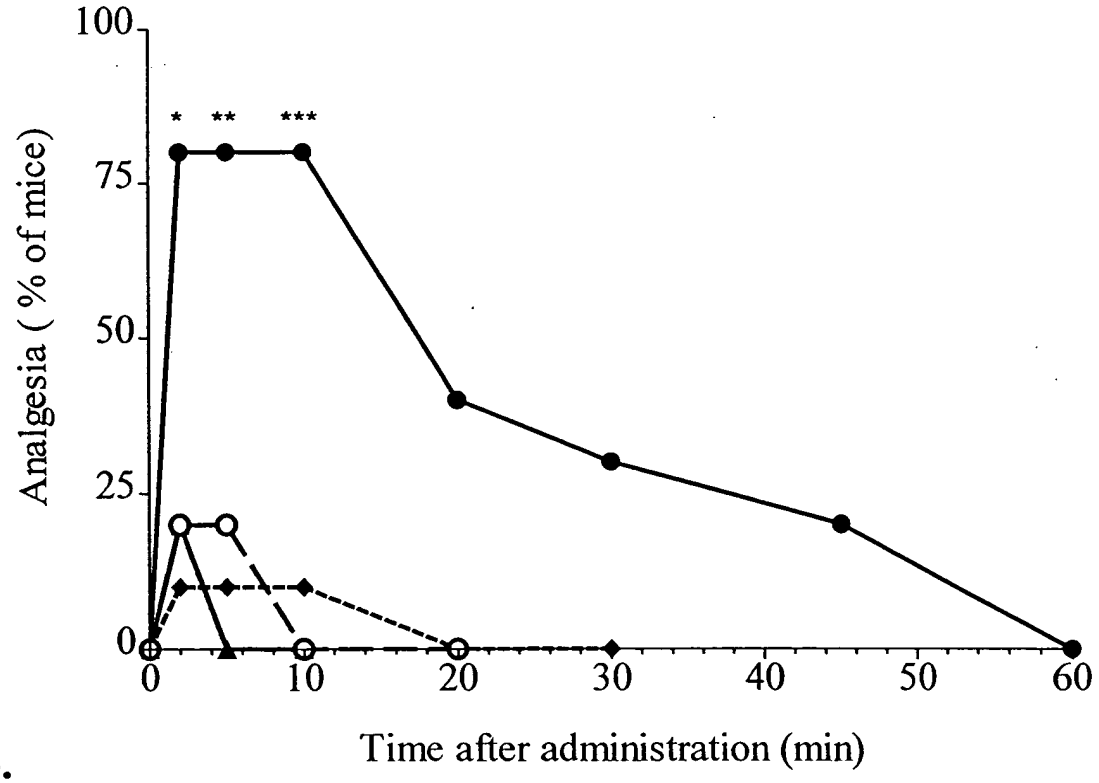


Figure 5

a.

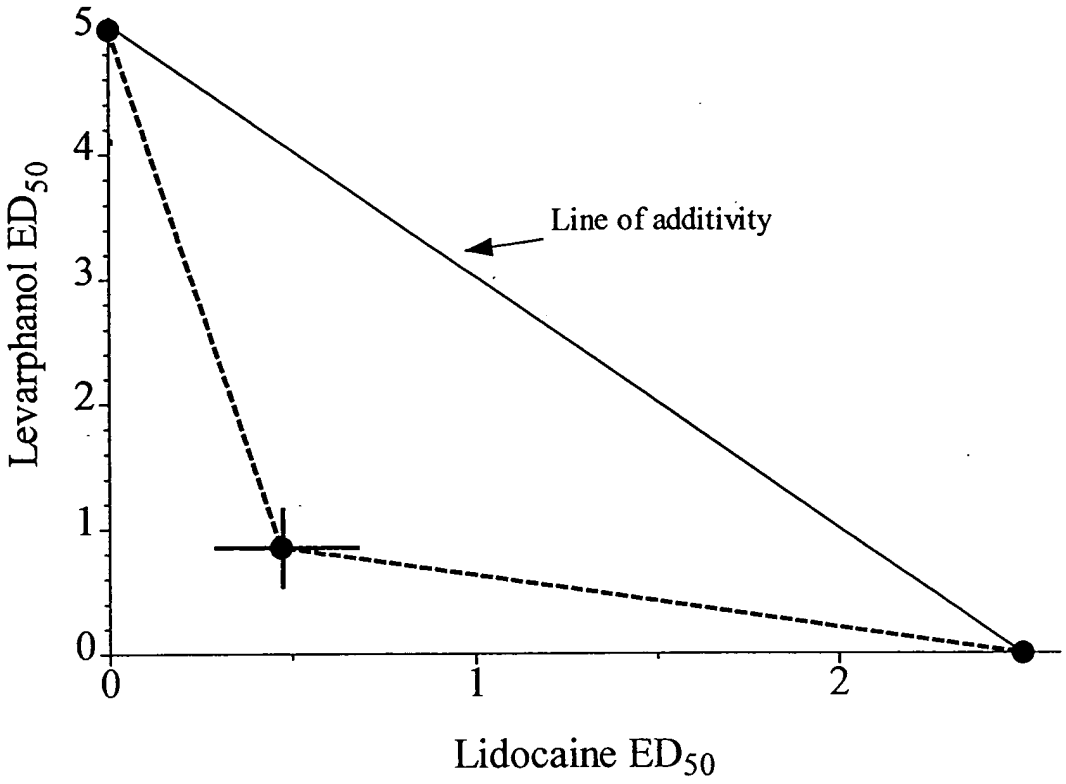

80
70
60
50
40
30
20
10
0
*
Analgesia (% of mice)
0
5
10
15
20
25
30
* p < 0.05
Time (min)


100
75
50
25
0
* ** ***
Analgesia (% of mice)
0
10
20
30
40
50
60
Time after administration (min)

b.

Figure 6

a.


Levarphanol ED_{50}
Line of additivity
Lidocaine ED_{50}
0
1
2
3
4
5
0
1
2

b.

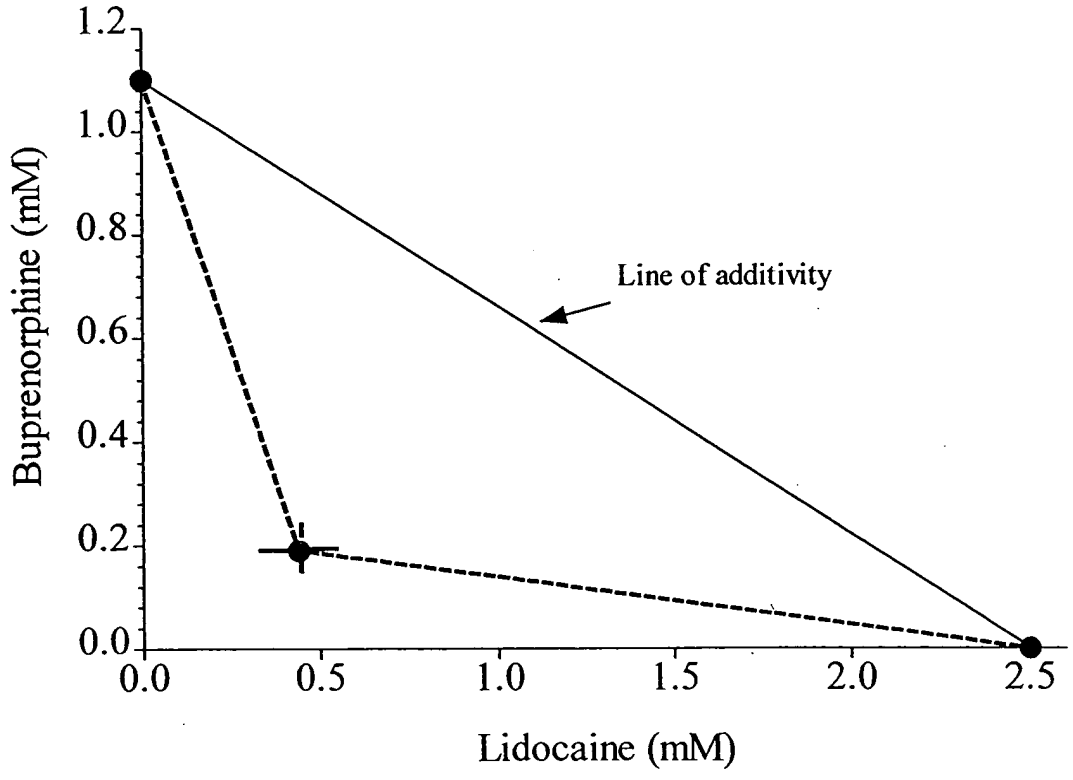
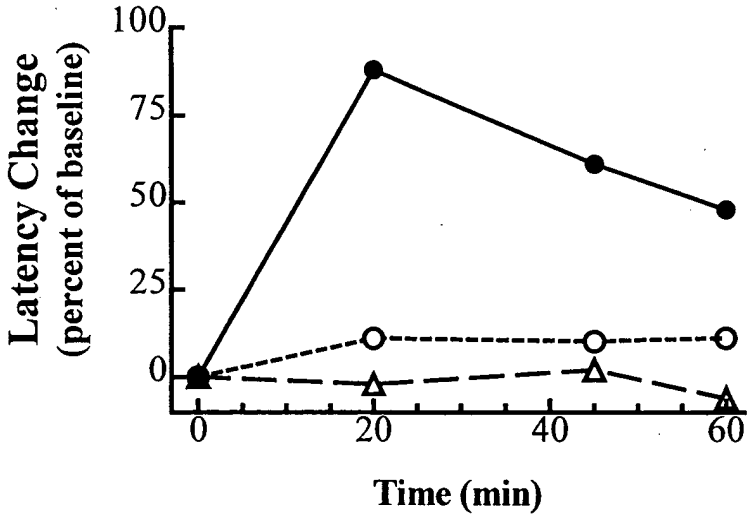

Buprenorphine (mM)
Line of additivity
Lidocaine (mM)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
0.0
0.5
1.0
1.5
2.0
2.5

Figure 7


Latency Change
(percent of baseline)
100
75
50
25
0
0
20
40
60
Time (min)